



The Massachusetts Advanced Manufacturing Collaborative:

Growing the Economy through Innovation that
Makes Manufacturers More Competitive

The Advanced
Manufacturing
Collaborative



The Advanced Manufacturing Collaborative

Our goal is to enhance the competitiveness of Massachusetts manufacturing and lead the national effort to revitalize this country as a place that makes things.

On November 28, 2011, Governor Deval L. Patrick announced the launch of the Massachusetts Advanced Manufacturing Collaborative (AMC) – a group comprised of leaders from industry, academia and government.

The AMC is working in parallel with President Obama's Advanced Manufacturing Partnership and with seven other states through the National Governors Association Center of Best Practices Policy Academy on Advanced Manufacturing and Innovation.

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Collaborative Organization

Executive Committee:

Co-chairs:

- Ed Leyden, Ben Franklin Design
- Mitch Tyson, formerly Advanced Electron Beams
- Eric Nakajima, Executive Office of Housing & Economic Development

13 additional members:

- Representatives from industry (8), academia (3), government (2)

5 Working Groups:

Promoting Manufacturing, Workforce & Education, Technical Assistance & Innovation, Cost of Doing Business, and Access to Capital

- Led by industry co-chairs who serve on the Executive Committee
- Populated by representatives from industry, academia, government, and other stakeholders

Affiliates:

MA Technology Collaborative, MA Growth Capital Corporation, Commonwealth Corporation, MassMEP, Associated Industries of MA, SBANE, UMass, Community Colleges & Vocational Schools.

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Massachusetts Advanced Manufacturing Agenda is focused in five areas:

1. Promoting Manufacturing
2. Workforce & Education
3. Technical Assistance and Innovation
4. Cost of Doing Business, and
5. Access to Capital

The Advanced Manufacturing Collaborative is setting ambitious goals that leverage existing assets and successes.

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Massachusetts Advanced Manufacturing Agenda

Promoting Manufacturing:

Elevate public understanding of the current capabilities and future potential of advanced manufacturing in Massachusetts. Support the attraction of talent and help position the Commonwealth as a hub for advanced manufacturing companies, including expanding opportunities for in-state marketing of the state's supply chain Capabilities.

1. Launching a *Statewide Manufacturing Marketing Campaign*.
2. Establishing *Friends of Massachusetts Manufacturing*.
3. Releasing a *Manufacturing Report Card*.

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Workforce & Education:

Expand the ability of the Commonwealth's educational system to respond to the entry and mid-skill level needs of Massachusetts' manufacturing companies and adopt national best-practices model aligning regional and state assets, from vocational schools and community colleges through universities and private training centers.

1. Expand regional networks (vocational schools, community colleges, universities and employers) providing best-practices based pipeline and incumbent worker training.
2. Pilot Master Apprentice Program to transfer knowledge from senior machinists to younger workers for succession purposes.

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Technical Assistance and Innovation:

Improve access to technical assistance for SMEs through integrated resources and services available to support manufacturing growth, including access to capital, workforce development, compliance and certification, export assistance, and innovation.

1. Launch Modeling and Simulation center to accelerate innovation and efficiencies at small and medium-sized manufacturers.
2. Expand MassMEP ISO Collaborative for certification of SMEs.

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Cost of Doing Business:

Recommend creative approaches to ease the cost of doing business in Massachusetts, with an emphasis on the high priority needs stated by SMEs and other manufacturers.

1. Health insurance and healthcare cost containment.
2. Statewide regulatory reform to ease the impact of regulations on small businesses.
3. Expand access to energy efficiency audit and finance programs for manufacturers.

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Access to Capital:

Ensure that manufacturers, particularly SMEs, have the access to finance or investment necessary to support the growth of their firms and make critical investments in new capital equipment, technology, infrastructure or working capital essential for their success.

1. Improve outreach, technical assistance and utilization of existing financial services by small and medium-sized manufacturers.
2. Launch new SBIR matching grant program for innovative manufacturers.

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